

# CONTROL DATA

STATION NAME: MONUMENT 166R

Date: 3/4/2004

Monument Type: 4"Ø Bronze Cap

City: Fort Smith

County: Sebastian

State: AR

Surveyor: Hoffman-Prieur & Associates, Inc.

(479)474-7916

Project Name: City of Fort Smith Geodetic Network, Project No. 02-90-B

Survey Method: GPS (Fast Static) Horizontal & Vertical

Order: First (Horizontal)

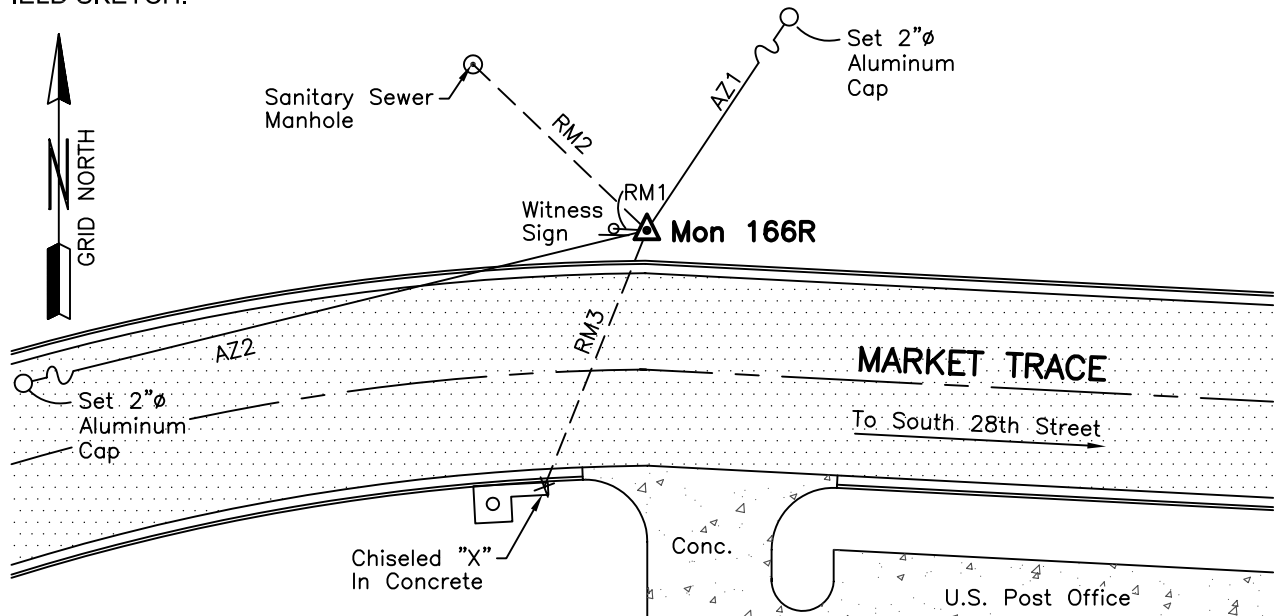
Combined Scale Factor: 0.999928950

NAD 83 GRID DATA	COORDINATES (U.S. Survey Feet)	PLANE AZIMUTH ANGLE (Convergence)
State: AR Zone: NORTH Code: 0301	N 361305.114 E 594408.398	- 01°24'00.8"
GEODETIC DATA	POSITION: NAD 83 Latitude: 35°18'06.77425"N Longitude: 094°24'22.68838"W	ELEVATION: NAVD 88 (Geoid 03) (U.S. Survey Feet) 498.74

## DISTANCE & DIRECTION TO PROMINENT & REFERENCE MARKS

Reference Mark:	Direction (Geodetic Bearing)	Grid Distance (U.S. Survey Feet)
RM1 Witness Sign Post	N 87°10'29" W	2.27'
RM2 Center of Sanitary Sewer Manhole Lid	N 46°19'58" W	38.69'
RM3 Chiseled "X" in Northeast Corner of Concrete Storm Inlet Box	S 21°48'07" W	44.50'
Azimuth Mark:	Direction (Geodetic Bearing)	Grid Distance (U.S. Survey Feet)
AZ1 2"Ø Alum. Cap, 23.1' East of South 28th Street Centerline & 12.0' South of 8501 South 28th Street Entrance Centerline	N 33°41'25" E	593.72'
AZ2 2"Ø Alum. Cap, 100.1' East of Jenny Lind Road Centerline & 18.7' South of Market Trace Centerline	S 76°13'12" W	813.68'

## FIELD SKETCH:



SCALE: 1"=30'